



Web Images Video News Maps more »

prognostics probability fault detection mainten: Search

Advanced Scholar Search
Scholar Preferences
Scholar Help

Scholar All articles - Recent articles Results 1 - 100 of about 494 for prognostics probability fault

[PDF] ► **Prognostic enhancements to diagnostic systems for improved condition-based maintenance**

CS Byington, MJ Roemer, T Galie - 2002 IEEE Aerospace Conference Proceedings., 2002 - impact-tek.com
... Utilizing known transitional or seeded fault/failure degradation ... time is another commonly utilized **prognostic** approach ... In such cases, the **probability** of failure ...
Cited by 39 - Related articles - View as HTML - Web Search - Library Search - All 5 versions

[PDF] ► **Assessment of data and knowledge fusion strategies for prognostics and health management**

MJ Roemer, GJ Kacprzynski, RF Orsagh - IEEE Aerospace Conference Proceedings, 2001 - impact-tek.com
... of the accuracy of diagnostic/prognostic techniques being ... where: **P f = Probability** (time-based) of occurrence for a ... through automated isolation of a **fault P D ...**
Cited by 34 - Related articles - View as HTML - Web Search - All 3 versions

[BOOK] **Intelligent fault diagnosis and prognosis for engineering systems**

G Vachtsevanos, FL Lewis, M Roemer, A Hess, B Wu - 2006 - Wiley
Cited by 39 - Related articles - Web Search - Library Search

[CITATION] **Infotronics technologies and predictive tools for next-generation maintenance systems**

J Lee, H Qiu, J Ni, D Djurdjanovi - 11th IFAC Symposium on Information Control Problems in ..., 2004
Cited by 17 - Related articles - Web Search

[PDF] ► **An overview of selected prognostic technologies with reference to an integrated PHM architecture**

M Roemer, C Byington, G Kacprzynski, G ... - Proceedings of the First International Forum on Integrated ..., 2005 - impact-tek.com
... with an understanding of how the **fault/failure** signature is ... network output and the "ground truth" **probability** of failure ... **State Estimator Based Prognostics ...**
Cited by 10 - Related articles - View as HTML - Web Search - All 5 versions

[PDF] ► **... diagnostic/prognostic reasoning and information continuity for improved avionics maintenance**

CS Byington, PW Kaigren, R Johns, RJ Beers, IMPACT ... - AUTOTESTCON-IEEE-, 2003 - impact-tek.com
... not constrain the performance of the **prognostics** health management ... a 50/50 a priori **probability** of functioning ... Evidence, along with **Real Fault** Probabilities and ...
Cited by 10 - Related articles - View as HTML - Web Search - Library Search - BL Direct - All 5 versions

Overview of wavelet/neural network fault diagnostic methods applied to rotating machinery

JE Lopez, IA Yeldham, K Oliver - 1996 - Storming Media
... of missed detection of .12%, and a **probability** of **fault** misclassification of ... application here focused on investigating trending and **prognostics** using wavelet ...
Cited by 7 - Related articles - Web Search - Library Search - All 3 versions

[PDF] ► **Prognostic enhancements to diagnostic systems (PEDS) applied to shipboard power generation systems**